

POWERED BY **Dialog****Oxo-6-heptyl orthophthalate plasticiser for cellulose****Patent Assignee: SOCIETE DES USINES CHIMIQUES RHONE-P****Patent Family**

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
FR 1536425	A					196800	B

Priority Applications (Number Kind Date): FR 113402 A (19670706)**Abstract:**

FR 1536425 A

Ester plasticiser is oxo-6 heptyl orthophthalate $\text{COO}(\text{CH}_2)_5\text{COCH}_3$ $\text{COO}(\text{CH}_2)_5\text{COCH}_3$

Heptanol-1-one-6 (I) and phthalic anhydride (II) (in mole ratio (I):(II) >2) are refluxed at ca. 200 deg.C for 5 hrs. with diisopropyl benzene, without a catalyst. The product is washed with Na_2CO_3 and vacuum distilled.

Compatible with both cellulose and vinyl polymers. Suitable for manufacture of containers, pipes, for storage and transport of hydrocarbons and oils. Plasticised materials may be produced also in form of tapes, sheets.

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